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Dated: December 18, 2006

Signature:

*Valerie Cohen*  
(Valerie Cohen)

REPLY UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER 2100  
Docket No.: 509982005900  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Emmanuel DREGE et al.

Application No.: 10/791,046

Confirmation No.: 1279

Filed: March 1, 2004

Art Unit: 2129

For: SELECTING A PROFILE MODEL FOR USE  
IN OPTICAL METROLOGY USING A  
MACHINE LEARNING SYSTEM

Examiner: G. Davis

**AMENDMENT UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final Office Action dated October 18, 2006 (Paper No. 20061015), for which a response is due on January 18, 2007. Accordingly, this response is timely filed. Additionally, this response is filed within two months of the mailing date of the Final Office Action and therefore qualifies for expedited review. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

sf-2215138